Ulysseus
EUROPEAN UNIVERSITY

AWAKE

Ageing and Wellbeing: Advanced Knowledge for Equitable Health

Blended Intensive Programme (BIP)

School of Medicine, University of Genoa, Italy
Physical component: June 29-July 03, 2026
Virtual component: June 22-26, 2026

AWAKE – **Ageing and Wellbeing: Advanced Knowledge for Equitable Health**

Beneficiary Module BIP code: TBD

Summary of Information:

In which city is the BIP located?	Genoa, Italy
Name of the hosting university?	University of Genoa
Name of the coordinating university?	University of Genoa – UniGe in collaboration with Université Côte d'Azur – UniCA
Ulysseus BIP topics?	❑ Entrepreneurship ❑ Topics related to the Ulysseus Innovation Hubs ❑ Transversal/Interdisciplinary topics aligned with the Ulysseus Mission
ISCED code, according to the list in annex 1:	**091 Health [primary]** 0912 Medicine; 0914 Medical diagnostic and treatment technology; 0915 Therapy and rehabilitation; 0916 Pharmacy 098 Inter-disciplinary programmes and qualifications involving health and welfare
Amount of ECTS:	3
Expected participants (students, staff or the two ones) and the expected study level for students:	15 Master/PhD students
Maximum number of desired Erasmus BIP participants (granted or zero granted):	20 [max 5 per university]
Start/End dates of the virtual component:	22.06-26.06.26
Start/End dates of the physical component:	29.06-03.07.26
(Expected) Workload (detail for physical component and the virtual one if possible):	Total 75 hours: 35 virtual + 40 physical

Language and level required:	English C1
Available funding:	*Consult your home university regarding available funding options*
Hosting university's registration deadline to receiving (the participant list) or (the signed Erasmus mobilty agreement):	30.04.26
Application Details:	Please contact your Ulysseus Local Mobility Officers in this table below. Feel free to reach out to them with any questions. They will manage the selection process internally.

Contact details of Ulysseus Local Mobility Officers:

University of Seville:	**mobilityulysseus@us.es**
Université Côte d'Azur:	**mobility-ulysseus@univ-cotedazur.fr**
University of Genoa:	**mobility.ulysseus@info.unige.it**
Technical University of Kosice:	**natalia.vaskova@tuke.sk**
MCI The Entrepreneurial School®:	**mobilityofficer.ulysseus@mci.edu**
Haaga-Helia University of Applied Sciences:	**mobilityulysseus@haaga-helia.fi**
University of Münster:	**mobilityulysseus@uni-muenster.de**
University of Montenegro:	**ulysseusmobility@ucg.ac.me**

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General Course Information:

- Course Description:

    The AWAKE immersive course is organised under the auspices of two Ulysseus Innovation Hubs: "Ageing & Wellbeing", and "Robotics".

    AWAKE aims to create a stimulating environment to share rigorous approaches across diverse disciplines and boost transdisciplinary collaborations in ageing research, with a focus on applications for health and healthcare.

- Ulysseus Priority topics:
    - **Entrepreneurship;**
    - **Related to the Ulysseus Innovation Hubs;**
    - **Transversal/Interdisciplinary topics aligned with the Ulysseus Mission**

- Target group:

- **Students**
- **Academic staff**

- Level (for students):
  - **Master**
  - **PhD**

- Field of study and ISCED code(s) for a BIP for students using the ISCED code list in annex:
  - **091 Health**
  - **0912 Medicine; 0914 Medical diagnostic and treatment technology; 0915 Therapy and rehabilitation; 0916 Pharmacy**
  - **098 Inter-disciplinary programmes and qualifications involving health and welfare**

- Course dates:

  Virtual component: **22/06/26 to 26/06/26**

  Physical component: **29/06/26 to 03/07/26**

- Registration dates are open **from 15/01/26 to 30/04/26**

  Please be aware that your home university may set a different application deadline depending on their internal selection process (around 2-3 months).

Course Content:

- Course Outline:

  Organised under the auspices of two Ulysseus Innovation Hubs: "Ageing & Wellbeing" and "Robotics", the immersive course will foster transdisciplinary approaches to explore the latest knowledge on ageing research in health and healthcare, from basic sciences to clinical applications. AWAKE is organised in in close synergy with the BIP HERO – "Human-centred and Ethical Robotics for Health and Wellbeing" organised by the Ulysseus Innovation Hub "Robotics".

  Adopting the perspectives of multiple scientific standpoints, the different stages of research and innovations will be illustrated by the means of concrete case studies from molecular sciences, clinical research, public health and industrial partnerships. The equity dimension will be highlighted, with emphasis on the process of responsible transfer to

clinical care.

AWAKE aims to create a stimulating environment to share rigorous approaches across diverse disciplines and applications, and boost transdisciplinary collaborations within the Ulysseus environment. All participants are encouraged to share their research interest and current project.

Blended Intensive Programme – BIP: The course is structured into two main components: a digital component and a physical component, each designed to complement the other and enhance learning outcomes.

KWs: Health, Healthcare, Ageing, Technology Transfer, Artificial Intelligence

- Course content:

Seminar and practical activities will address the following subjects:

- ageing and longevity: genomic and molecular underpinnings;
- system thinking and innovation for healthy ageing;
- laboratory cutting-edge techniques in ageing research;
- AI-assisted tools for innovation in healthcare;
- assistive robotics in the elderly;
- clinical research and evidence synthesis in the aged population;
- responsible technology transfer: value-based medicine and health impact assessment.

Learning approaches include interactive online and in-person lessons; flipped classes; immersive workshops; site visits to laboratories; start-up pitches.

Students are grouped into small teams (3-5 members) comprising participants from both the AWAKE and the HERO BIPs, to enhance the transdisciplinary approach. The workgroups are engaged in immersive activities, such as project design, evidence search and synthesis, presentations of results, etc.

To allow all participants to introduce their current research interest and share their competence, a few small poster sessions will be held.

At the course completion, all participants present their project work, grounded on the capacities built during both the virtual and physical part, and developed thanks to the transdisciplinary teamwork.
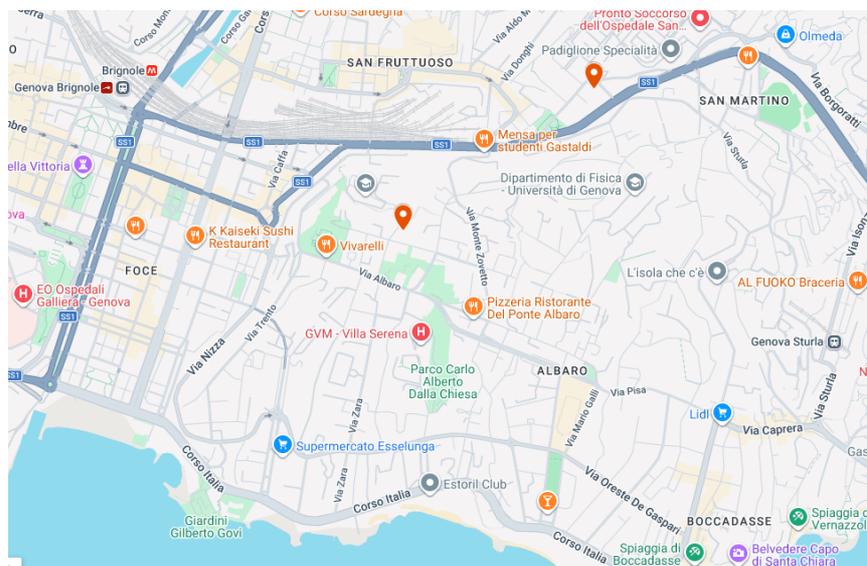
- Learning Outcomes:

Following the completion of this course, students will be able to:

- Understand the current trends in ageing research: students will gain an up-to-date pulse of the field's latest advances, including basic and clinical research on healthy ageing.

- Apply research skills: through the immersive sessions, students will acquire competence in applying proper methodologies to ageing research.

- Develop collaborative research capabilities: participants will enhance their ability to work effectively in transdisciplinary teams, a crucial skill for tackling complex research challenges.

- Prepare for advanced research opportunities: the practical experience and networking opportunities will equip students to pursue further ageing research or career opportunities in the industrial environment.

Physical Mobility:

- The physical mobility part will be running **from 29/06/26 to 03/07/26 in Genoa**, Italy

- The activity will be based at the University of Genoa, at the Department of Health Sciences (**DiSSal**, Via Pastore 1) and at **DIBRIS**, Villa Bonino (Viale Francesco Causa 13).

- Both venues are close to the city centre and to the railway station Genova Brignole – see map

▪ Provisional programme:

	Morning	Afternoon
Day 1	9:00 – 10:30 **Lectures and workshops – setting the scene** 10:30 – 11:00 *Coffee break* 11:00 – 12:30 **Poster session** 12:30 – 14:00 *Lunch break*	14:00 – 17:00 **Workgroup**
Day 2	9:00 – 10:30 **Lectures held by the Innovation Hub Ageing & Well being** 10:30 – 11:00 *Coffee break* 11:00 – 12:30 **Poster session** 12:30 – 14:00 *Lunch break*	14:00 – 17:00 **Workgroup**
Day 3	9:00 – 10:30 **Lectures held by the Innovation Hub Robotics** 10:30 – 11:00 *Coffee break* 11:00 – 12:30 **Lab visit & Workshop** 12:30 – 14:00 *Lunch break*	14:00 – 17:00 **Workgroup**
Day 4	9:00 – 10:30 **Lectures – clinical research and applications** 10:30 – 11:00 *Coffee break* 11:00 – 12:30 **Lab visit & Workshop** 12:30 – 14:00 *Lunch break*	14:00 – 17:00 **Workgroup**
Day 5	9:00 – 10:30 **Lectures and workshops – transfer to healthcare, entrepreneurship** 10:30 – 11:00 *Coffee break* 11:00 – 12:30 **Plenary workgroup presentations** 12:30 – 14:00 *Lunch break*	14:00 – 17:00 **Networking activities – Thank you & Farewell**

▪ Faculty:

Emilio Di Maria, Dipartimento di Scienze della Salute, UniGe, Genoa

Rafael Fernández-Chacón, Instituto de Biomedicina de Sevilla, US, Sevilla [TBC]

Clio Flego, Dipartimento di informatica, bioingegneria, robotica e ingegneria dei sistemi, UniGe, Genoa

Ayman Fouda, Health Economics, MCI | The Entrepreneurial School®, Innsbruck [TBC]

Stéphanie Lopez, Artificial Intelligence in Medical Imaging (LungScreenAI), UniCA, Nice [TBC]

Gabriella Marcon, Dipartimento di Medicina, UNIUD, Udine [TBC]

Fulvio Mastrogiovanni, Dipartimento di informatica, bioingegneria, robotica e ingegneria dei sistemi, UniGe, Genoa

Alessio Nencioni, Dipartimento di Medicina Interna e Specialità Mediche, UniGe, Genoa

Paula Pousinha, Institut de Pharmacologie Moléculaire et Cellulaire, UniCA, Nice [TBC]

Luca Roccatagliata, Dipartimento di Scienze della Salute, UniGe, Genoa [TBC]

John Rowell, Institute of Research on Cancer and Ageing, UniCA, Nice [TBC]

Deepak Kumar Saini, Department of Developmental Biology & Genetics, Indian Institute of Science, Bengaluru [TBC]

Antonio Sgorbissa, Dipartimento di informatica, bioingegneria, robotica e ingegneria dei sistemi, UniGe, Genoa [TBC]

Pascal Staccini, RETINES Research Lab, UniCA, Nice [TBC]

Mauro Tettamanti, Dipartimento di Ricerche Politiche per la Salute, Istituto Mario Negri, Milan [TBC]

Anne Vuillemin, Laboratoire Motricité Humaine Expertise Sport Santé, UniCA, Nice [TBC]

- **Start-up pitches:**

Pierre Canivet & Pierre Getti, Pass-Memo [TBC]

TBD, Fondazione Genova Startup

Virtual Component/Part:

- Practical Details Regarding the Virtual Component:
  - The virtual component will be running **from 22/06/26 to 26/06/26**.
  - Students will work remotely, with sessions conducted synchronously to allow real-time interaction, on the foundational aspect of matters, focusing on background research, methodological issues and design.

- **Provisional programme: [TBD]**

	Morning	Afternoon
Day 1	9:00 – 13:00 **Session 1 – setting the scene**	14:00 – 17:00 **Independent online work**
Day 2	9:00 – 13:00 **Session 2 – held by the Innovation Hub Ageing & Well being**	14:00 – 17:00 **Independent online work**
Day 3	9:00 – 13:00 **Session 3 – held by the Innovation Hub Robotics**	14:00 – 17:00 **Independent online work**
Day 4	9:00 – 13:00 **Session 4 – clinical research and applications**	14:00 – 17:00 **Independent online work**
Day 5	9:00 – 13:00 **Session 5 – transfer to healthcare, entrepreneurship**	14:00 – 17:00 **Independent online work**

Requirements:

- Both <u>Master</u> and <u>PhD</u> students can participate.
- Minimum study level: Bachelor degree in in the biomedicine area – e.g. Medicine, Nursing, Biology, Biotechnology, Pharmacy, or equivalent subjects.
  Further requirements:
- Basic knowledge of the key principles for research in life sciences (Good Laboratory Practice and Good Clinical Practice)
- Experience in conducting a research project, under the supervision of a senior researcher.
- Language proficiency level: English C1. The participation to the Ulysseus language courses is strongly encouraged – see also the [Ulysseus Language Policy](#)
- Equipment: personal laptop.

Application Process:

After completing your BIP template, please send it to your Local Mobility Officer to check it.

- CV, including personal contact details.
- A short bio accompanied by an outline of potential ideas to explore and develop in the workgroup.
- <u>Deadline for application</u>: <u>April 30th, 2026</u>.
- Maximum number of BIP participants: 20 students

Professor(s):

Researchers and faculty members from the Ulysseus partners, namely UniGe and UniCA; invited speakers from leading universities and research institutes; managers of selected enterprises – see the programme faculty.

Contact(s):

- **Prof. Emilio Di Maria (scientific coordinator)**

  Department of Health Sciences, University of Genoa

  Steering committee, Ulysseus Innovation Hub "Ageing & Wellbeing"

  emilio.dimaria@unige.it

- **Dr. Giulia Colletti (Ulysseus mobility officer, UniGe)**

  International students' office, University of Genoa

  mobility.ulysseus@info.unige.it